

REMARKS

Applicant appreciates the thorough examination presented in the Office Action mailed November 17, 2004 (hereinafter "Office Action"). Applicant submits drawing corrections herewith as required by the Office Action. Applicant also submits a new Declaration and Power of Attorney.

In response to the rejections of Claims 1-4, Applicant has canceled Claims 1-4 and added new Claims 5-14, which clarify the nature of the claimed invention. In particular, new independent Claim 5 recites:

A method of regulating an output voltage or current of a power converter, the method comprising:
regulating the output voltage or current by controlling an input current of the power converter responsive to *one of* the output current or the output voltage of the power converter.

Corresponding new independent apparatus Claim 8 includes corresponding recitations.

As discussed in the Background of the Invention section of the present application, U.S. Patent No. 5,438,505 (hereinafter the "'505 patent") describes "forcing the input current of a converter to follow a signal proportional to the ratio of the output current of the converter to its output voltage (the conductance of the converter's load) or to the ratio of output voltage of the converter to its output current (the resistance of the converter's load)." Present Application, paragraph 1. As noted, this approach may not be cost-effective for low-cost converter applications.

In contrast, the claims recite controlling the input current of a power converter responsive to *one of* the output current or the output voltage, which may be less computationally intensive and, consequently, may be more cost-effective. Such teachings are neither disclosed nor suggested by the '505 patent. For at least these reasons, Applicant submits that new Claims 5-14 are patentable.

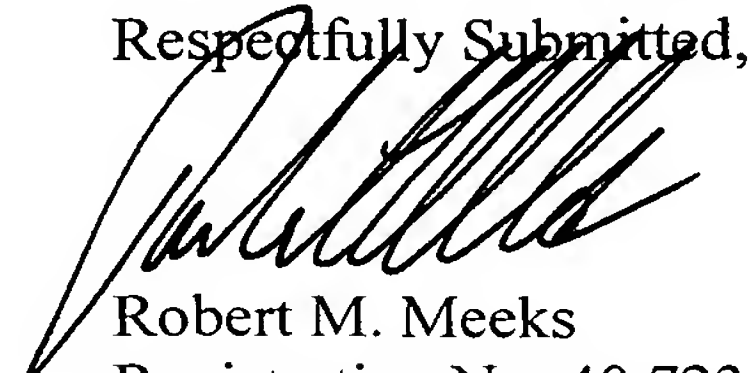
Conclusion

Applicant provides the present Amendment concurrent with a Petition to Revive Unintentionally Abandoned Application. Applicant has corrected the drawings and provided a new declaration as required by the Office Action. Applicant submits that the claims are

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now in condition for allowance, which is respectfully requested. Applicant encourages the Examiner to contact the undersigned by telephone to resolve any remaining issues.

Respectfully Submitted,




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Candi L. Riggs